

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| S1    | 1    | ("20050192529").PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/07/05 13:46 |
| S2    | 763  | (butterfield or farquhar).in.   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/10/27 13:59 |
| S3    | 1    | S1 and (fresh with air)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/10/27 14:29 |
| S4    | 36   | ("3974681" "4068521" "4217993" "4312341" "4321461" "4344429" "4366384" "4367736" "4418565" "4559454" "4607520" "4673927" "4685244" "4722224" "4762518" "4764166" "4784643" "4821588" "4829448" "4857050" "4881413" "4959050" "5006110" "5041086" "5059171" "5064412" "5102392" "5103211" "5123275" "5176631" "5177993" "5211201" "5260665" "5394732" "5537853" "5616124").PN. | US-PGPUB;<br>USPAT | OR               | ON      | 2005/10/27 14:29 |
| S9    | 1    | ("5176631").PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/11/02 10:14 |
| S10   | 0    | S9 and sensor and (processor or microprocessor) and (product or multiply)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/11/02 10:15 |
| S11   | 0    | S9 and sensor and (processor or microprocessor)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/11/02 10:15 |
| S12   | 1    | S9 and sensor and (product or multiply)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/11/02 10:17 |
| S13   | 1    | S9 and weighting  | US-PGPUB;<br>USPAT | OR               | ON      | 2005/11/02 10:17 |

## EAST Search History

|     |      |   |                        |    |     |                  |
|-----|------|---|------------------------|----|-----|------------------|
| S14 | 46   | ("3622958"   "3640271"   "3881353"   "3921622"   "3974681"   "3974683"   "4068521"   "4083225"   "4112735"   "4112773"   "4127114"   "4138879"   "4142414"   "4208906"   "4235095"   "4237720"   "4290432"   "4319580"   "4339944"   "4354500"   "4354501"   "4354502"   "4403510"   "4418565"   "4447191"   "4448207"   "4474184"   "4487601"   "4501531"   "4528853"   "4530077"   "4555951"   "4567749"   "4610164"   "4668945"   "4673927"   "4689986"   "4696191"   "4722224"   "4730493"   "4758228"   "4763525"   "4764166"   "4821558").PN. | US-PGPUB; USPAT; USOCR | OR | ON  | 2005/11/02 14:07 |
| S15 | 3363 | (604/65-67,122-125,131,151, 246).CCLS.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/02 14:07 |
| S16 | 394  | (600/345,352,353).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/02 14:07 |
| S17 | 912  | (702/45,23,194).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/02 14:07 |
| S18 | 1509 | (73/19.01-19.05,19.1,602).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/02 14:43 |
| S19 | 416  | (137/2).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/02 14:59 |
| S20 | 73   | (S15 or S16 or S17 or S18 or S19) and ((detect\$4 or sens\$4 or monitor\$4) same (entrained with (air or gas)))   | US-PGPUB; USPAT        | OR | ON  | 2006/07/13 10:53 |
| S21 | 1    | ("6616633").PN.   | US-PGPUB; USPAT        | OR | OFF | 2006/07/05 13:46 |
| S22 | 3564 | (604/65-67,122-125,131,151, 246).CCLS.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/13 10:54 |
| S23 | 438  | (600/345,352,353).CCLS.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/13 10:54 |

## EAST Search History

|     |      |   |                              |    |     |                  |
|-----|------|---|------------------------------|----|-----|------------------|
| S24 | 1001 | (702/45,23,194).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/07/13 10:54 |
| S25 | 1558 | (73/19.01-19.05,19.1,602).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/07/13 10:54 |
| S26 | 424  | (137/2).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/07/13 10:54 |
| S27 | 5    | (S22 or S23 or S24 or S25 or S26)<br>and ((detect\$4 or sens\$4 or<br>monitor\$4) same (entrained with<br>(air or gas))) and<br>@pd>="20051116" | US-PGPUB;<br>USPAT           | OR | ON  | 2006/07/13 10:56 |
| S28 | 319  | ((detect\$4 or sens\$4 or<br>monitor\$4) same (entrained with<br>(air or gas)))   | EPO; JPO;<br>DERWENT         | OR | ON  | 2006/07/13 10:54 |
| S29 | 1    | ("6616633").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/07/13 10:56 |